

Listing of the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A high-voltage equipment housing holding high-voltage equipment that includes active devices therein, comprising:

connection means for making an electrical connection between external equipment located outside said high-voltage equipment housing and said high-voltage equipment;

attaching means for preventing said connection means from being touched so as to prevent a mechanical connection of said connection means from being released by said connection means, wherein the attaching means is attached to a body of the housing; and

an interlock control circuit;

a CPU controlling the interlock control circuit to change a state of a high voltage supply to said connection means that connects between said high-voltage equipment and said external equipment to a disconnected state in response to detachment of said attaching means and prior to any movement of the connection means.

2. (Previously Presented) The high-voltage equipment housing according to claim 1, wherein

an interlock circuit is attached to said attaching means and a circuit changing said state of the electrical connection to said disconnected state when said interlock circuit opens in response to detachment of said attaching means.

3. (Previously Presented) The high-voltage equipment housing according to claim 1, further comprising:

an upper lid for preventing said high-voltage equipment from being touched;
and

prevention means connected to said attaching means for preventing, by attaching said attaching means to said high-voltage equipment housing, said upper lid from being detached.

4. (Original) The high-voltage equipment housing according to claim 2, further comprising:

an upper lid for preventing said high-voltage equipment from being touched;

and

prevention means connected to said attaching means for preventing said upper lid from being attached/detached by said upper lid only.

5. (Original) The high-voltage equipment housing according to claim 1, further comprising holding means for mounting said high-voltage equipment housing on a vehicle.

6. (Original) The high-voltage equipment housing according to claim 2, further comprising holding means for mounting said high-voltage equipment housing on a vehicle.

7. (Original) The high-voltage equipment housing according to claim 3, further comprising holding means for mounting said high-voltage equipment housing on a vehicle.

8. (Original) The high-voltage equipment housing according to claim 4, further comprising holding means for mounting said high-voltage equipment housing on a vehicle.

9. (Previously Presented) The high-voltage equipment housing according to claim 1, wherein

said connection means is placed at a position touchable by a hand of a person when not prevented by the attaching means.

10-12. (Canceled)

13. (Previously Presented) A high-voltage equipment housing holding high-voltage equipment that includes active devices therein, comprising:

a connection unit making an electrical connection between external equipment located outside said high-voltage equipment housing and said high-voltage equipment;

an attaching unit preventing said connection unit from being touched so as to prevent a mechanical connection of said connection unit from being released by said connection unit, wherein the attaching unit is attached to a body of the housing; and

an interlock control circuit;

a CPU controlling the interlock control circuit to change a high-voltage supply state of the electrical connection between said high-voltage equipment and said connection unit to a disconnected state in response to detachment of said attaching unit and prior to any movement of the connection means.

14. (Previously Presented) The high-voltage equipment housing according to claim 13, wherein

an interlock circuit attached to said attaching unit and a circuit changing said state of the electrical connection to said disconnected state when said interlock circuit opens in response to detachment of said attaching unit.

15. (Previously Presented) The high-voltage equipment housing according to claim 13, further comprising:

an upper lid for preventing said high-voltage equipment from being touched;
and

a prevention unit connected to said attaching unit to prevent, by attaching said attaching unit to said high-voltage equipment housing, said upper lid from being detached.

16. (Original) The high-voltage equipment housing according to claim 14, further comprising:

an upper lid for preventing said high-voltage equipment from being touched;
and

a prevention unit connected to said attaching unit to prevent said upper lid from being attached/detached by said upper lid only.

17. (Original) The high-voltage equipment housing according to claim 13, further comprising a holding unit for mounting said high-voltage equipment housing on a vehicle.

18. (Original) The high-voltage equipment housing according to claim 14, further comprising a holding unit for mounting said high-voltage equipment housing on a vehicle.

19. (Original) The high-voltage equipment housing according to claim 15, further comprising a holding unit for mounting said high-voltage equipment housing on a vehicle.

20. (Original) The high-voltage equipment housing according to claim 16, further comprising a holding unit for mounting said high-voltage equipment housing on a vehicle.

21. (Previously Presented) The high-voltage equipment housing according to claim 13, wherein

said connection unit is placed at a position touchable by a hand of a person when not prevented by the attaching unit.

22-24. (Canceled)

25. (Previously Presented) The high-voltage equipment housing according to claim 1, wherein the attaching means is a bar that extends into a shape that, when attached to the high-voltage equipment housing, prevents said connection means from being touched by an operator.

26. (Previously Presented) The high-voltage equipment housing according to claim 3, wherein the prevention means is a hook-shaped member.

27. (Previously Presented) The high-voltage equipment housing according to claim 13, wherein the attaching unit is a bar that extends into a shape that, when attached to the high-voltage equipment housing, prevents said connection unit from being touched by an operator.

28. (Previously Presented) The high-voltage equipment housing according to claim 15, wherein the prevention unit is a hook-shaped member.